

Title (en)
BEARING GAUGE ARRANGEMENT

Title (de)
LAGERMESSGERÄTEANORDNUNG

Title (fr)
SYSTÈME DE JAUGE DE PALIER

Publication
EP 3208571 A1 20170823 (EN)

Application
EP 16156317 A 20160218

Priority
EP 16156317 A 20160218

Abstract (en)
The invention describes a bearing gauge arrangement (1) comprising a holding frame (10) dimensioned to replace a load-carrying element (22, 42) between an inner race (200, 400) and an outer race (210, 410) of a bearing (2, 4); at least one distance gauge (G1, G2) arranged in the holding frame (10) to measure a distance (D, DL, DS) between the inner race (200, 400) and the outer race (210, 410) during operation of the bearing (2, 4); and an evaluation unit (11) realized to evaluate measurements (M1, M2) from a distance gauge (G1, G2) relative to a bearing reference dimension (Dmin, Dmax, D0). The invention further describes a generator comprising a main bearing (2, 4) between rotor and stator, and a bearing gauge arrangement (1) according to any of claims 1 to 11. The invention further describes a method of detecting a deformation of a bearing (2, 4).

IPC 8 full level
G01B 7/14 (2006.01); **G01M 13/04** (2006.01)

CPC (source: CN EP US)
F16C 19/364 (2013.01 - US); **G01B 7/144** (2013.01 - EP US); **G01B 21/32** (2013.01 - CN); **G01M 13/04** (2013.01 - EP US);
F16C 2233/00 (2013.01 - US); **F16C 2360/31** (2013.01 - US)

Citation (search report)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3208571 A1 20170823; **EP 3208571 B1 20181205**; CN 107091631 A 20170825; CN 107091631 B 20190820; DK 3208571 T3 20190304;
US 10345193 B2 20190709; US 2017241865 A1 20170824

DOCDB simple family (application)
EP 16156317 A 20160218; CN 201710086853 A 20170217; DK 16156317 T 20160218; US 201615371419 A 20161207